

## Abstract

The present invention relates to a sheet processing apparatus aligning and stacking a sheet comprising: a stacking means for stacking the sheet or sheet bundle; a conveying means for conveying the sheet or sheet bundle toward the stacking means; a sheet rear end aligning means for aligning rear end of the sheet or sheet bundle upon pressing toward the stacking means the rear end of the sheet or sheet bundle conveyed by the conveying means; and a controlling means for controlling operation of the sheet rear end aligning means. The controlling means controls the operation of the sheet rear end aligning means so that acceleration  $\alpha$  of the sheet or sheet bundle by pressing of the sheet rear end aligning means satisfies a relation:  $\alpha \leq \mu_1'g$  and  $\alpha \leq \mu_2'g$ ; where acceleration of the sheet or sheet bundle by pressing of the sheet rear end aligning means at a time that the sheet rear end aligning means presses the rear end of the sheet or sheet bundle to align the rear end, is denoted as  $\alpha$ , where gravitational acceleration is denoted as  $g$ , where coefficient of kinetic friction between the sheet or sheet bundle pressed by the sheet rear end aligning means and the stacking means is denoted as  $\mu_1'$ , and where coefficient of kinetic friction between the sheet or sheet bundle pressed by the sheet rear end aligning means and the sheet or sheet bundle already stacked on the stacking means is denoted as  $\mu_2'$ .